

REPORT OF FINDINGS

**VA MEDICAL CENTER HOSPITAL
LIMITED LEAD-BASED PAINT SURVEY**

Prepared For:

**VA MEDICAL CENTER HOSPITAL
1055 CLERMONT STREET
DENVER, COLORADO**

Prepared By:

**D&D ENVIRONMENTAL CONSULTING, INC.
7000 SOUTH BROADWAY, SUITE 2D
LITTLETON, COLORADO
(303) 730-7877**

PROJECT NO. 031024

November 2003

EXECUTIVE SUMMARY

D&D Environmental Consulting, Inc. (D&D) personnel conducted a limited interior lead-based paint survey at the VA Medical Center Hospital (VA Hospital) located at 1055 Clermont Street, Denver, Colorado. The sampling was limited to specific areas within Building No. 1 according to the VA Hospital's Request For Purchase, dated September 9, 2003. Prior to commencing work, additional areas were added to the Request For Purchase list. The field-work was completed by D&D's certified and accredited lead inspectors between October 24, 2003 and October 30, 2003. D&D provided the following professional services:

- Visual inspection of the areas listed (Building No. 1) on the Request For Purchase sampling area list,
- Collection of representative paint-chip samples of suspect lead-based paint,
- Comparison to analytical results, applicable standards,
- Recommendations, if applicable, and
- Preparation of a report of Findings.

During the survey period, 102 representative paint-chip samples were collected and submitted to IATL (International Asbestos Testing laboratories) located in Mt. Laurel, New Jersey for lead content analysis through DCM Science Laboratories, Inc. located in Golden, Colorado. Of the 102 representative paint-chips collected and submitted for analysis, one was reported as containing 0.5400 percent or 5,400 parts per million (ppm) lead compared against the Environmental Protection Agency (EPA) and the State of Colorado's lead-based paint standard of 0.5 percent or 5,000 ppm. In addition, one paint-chip sample was reported as VOID (insufficient material for analysis). Several paint-chip samples were collected of this same color of paint and were reported to be below the lead-based paint standard. The results from the analytical laboratory are presented as a percent of lead by weight that can be converted to ppm by multiplying the percentage shown by 10,000. The analytical results and the appropriate chain of custody forms are presented in Attachment A of this report.

The EPA and the State of Colorado (Regulation No. 19) considers paint to be lead-containing if the percent of lead detected is greater than 0.5 percent by weight or 5,000 ppm. Regulation No. 19 does not apply to renovation, remodeling, landscaping, or other activities when such activities are not intended nor designed to permanently eliminate lead-based paint hazards but are intended to repair, restore or remodel a given structure or dwelling.

The Occupational Safety and Health Administration (OSHA) however, states that if any percent of lead is detected in a paint-chip, then the OSHA Regulations, designed to protect the workers, is in effect during removal, repair or other disturbance of the painted surfaces that contain lead.

Many of the analytical results have a single (*) or triple (***) asterisk beside the results located on the right side of the report. A single asterisk means that < 100 milligrams (mg) of paint material was received and that additional analysis cannot be performed on that sample. A triple asterisk connotes that in addition to the paint, some substrate material was included with the sample and may have caused some interference. In addition, a double asterisk (**) was reported on one of the samples and signifies that < 50 mg of paint material was received in the sample container and that the sample could not be analyzed.

RECOMMENDATIONS

D&D recommends that all personnel and contractors working in and around the dark tan paint door in Room 4C 105A be advised of the quantity of lead in the paint. In addition, prior to disturbance of the painted surface, the door should be isolated and all personnel that disturb the painted surfaces have on the proper personal protective equipment (PPE).

D&D also opines that all personnel involved in any renovation or demolition project, that impact the painted surfaces that contain lead, be notified of the location and the amount of lead in the painted surface. Furthermore, D&D

recommends that the waste generated from construction debris (renovation & demolition) be analyzed for leaching potential using the Toxic Characteristic Leaching Procedure (TCLP) testing protocol for lead. TCLP is designed to simulate the leaching a waste will undergo if disposed of in a sanitary landfill. The extraction fluid employed is a function of the alkalinity of the solid phase of the waste. A sub sample of the waste is extracted with the appropriate buffered acetic acid solution. The extract obtained from the TCLP is then analyzed to determine if any of the thresholds established for the 40 Toxicity-Characteristic constituents have been exceeded or if the treatment standards established for the constituents have been met for the Land Disposal Restrictions program.

INTRODUCTION

D&D Environmental Consulting, Inc. (D&D) is pleased to provide the results of the limited lead-based paint survey conducted within selected areas of Building No. 1 at the VA Medical Center Hospital complex located in Denver, Colorado. The fieldwork was completed between October 24, 2003 and October 30, 2003 by D&D certified and accredited lead inspectors.

UNDERSTANDING OF THE SITUATION

D&D understands that a representative of the VA Hospital was seeking a professional environmental consulting company to conduct a limited interior lead-based paint survey according to the areas listed in the Request For Purchase, dated September 9, 2003. Reportedly, the limited lead-based paint survey at the VA Hospital was conducted to determine if the painted surfaces contained lead and in what concentrations. The results of the limited lead-based paint survey will be used to supply the lead content, prior to preparation, of the various paints to personnel working in and around these painted surfaces. In addition, several areas were added to the Request For Purchase as provide to D&D environmental Consulting, Inc. D&D also understood that the project included collection and submittal of the representative paint colors for lead content analysis and preparation of a report of findings including recommendations, if applicable.

SCOPE OF WORK

The work scope for this project consisted of a walk through of the areas listed at the facility to determine a sampling strategy for the collection of the representative interior paint-chip samples, collection and submittal of the representative paint-chips for standard turnaround time analysis, and preparation of a report of findings based on the results.

SAMPLING

During the limited interior lead-based paint survey, 102 representative bulk paint-chip samples were collected of the various colors of paint from the areas and rooms listed in the Request For Purchase, dated September 9, 2003. All of the collected paint-chip samples were submitted for lead content analysis. Although the Colorado Air Quality Control Commission's (CAQCC) Regulation 19 does not apply to this facility, the collection and the analysis of the of the paint-chip samples was accomplished according to their recommendations.

According to the State of Colorado and the Environmental Protection Agency, paint is considered lead containing if the reported amount of lead is 0.5 percent or 5,000 ppm. OSHA, on the other hand, has concluded that if any amount of lead is detected in the paint, that certain worker protection issues such as representative air monitoring to determine worker exposure levels, control measure to eliminate the airborne lead exposures, and personal protective equipment may be required.

ANALYTICAL PROCEDURES

The paint-chip samples were analyzed by IATL Laboratories located in Mount Laurel, New Jersey, via DCM Science Laboratory, Inc., located in Golden, Colorado, for lead content analysis using Atomic Absorption Spectrophotometer. The submitted paint-chip samples are transferred to beakers and concentrated nitric acid and hydrogen peroxide solutions added to each sample. The solution is heated on a hotplate until the acid is evaporated. These steps are repeated twice more and the solution is transferred to volumetric flasks and diluted to volume with distilled water and injected into the spectrophotometer. The absorbance is measured against a set of standards and the concentration of lead is calculated for each paint-chip sample.

RESULTS

To determine lead concentrations, the D&D on site field representatives collected 102 representative paint-chip samples from the areas listed in Building No. 1. Of the 102 paint-chip samples collected, one exceeded the 0.5 percent or 5,000 ppm standard and one sample was reported as VOID. The remaining paint-chip samples were reported to be below the EPA and the State of Colorado's lead-based paint standard.

Table A presents the single paint-chip sample that was reported as containing greater than 0.5 percent lead and includes the Sample number, the Location, and the results as a percent and in ppm. The remaining paint-chip samples, with the one exception, ranged from < (less than) 0.0052 percent to 0.3600 percent or 3,600 ppm.

**TABLE A – RESULT
LIMITED LEAD-BASED PAINT
VA MEDICAL CENTER HOSPITAL
DENVER, COLORADO**

Sample Number	Location	Result (%)
4C 105A	Tan Paint-Door 4 th Floor, Room 4C-105A	0.5400 (5,400 ppm)

The results of the paint-chip samples are included in Attachment A of this report with the appropriate chain of custody forms..

RECOMMENDATIONS AND SUMMARY

Lead-Based Paint

The EPA and the State of Colorado considers paint to be lead-containing if the percent of lead is greater than 0.5 percent by weight or 5,000 parts per million. OSHA however, takes a different approach and states that if any percent of lead is detected in a paint chip, than the their regulations, designed to protect the workers, is in effect during removal, repair or other disturbance of the painted surfaces that contains lead. Therefore, D&D recommends, based on OSHA, that all personnel and contractors be notified as to the location and quantity of lead-based paint identified in the painted surfaces.

TCLP - Lead

According to the analytical laboratory and the State of Colorado, there does not appear to be a direct correlation between the concentration of lead detected in the paint and the potential for that lead to leach after disposal. The potential to leach depends on the matrix of the paint, the quality of the other constituents in the paint, and even depends on the substrate material that the paint is on. Therefore, D&D opines, during renovation or demolition activities of the painted surfaces that were identified as containing lead, that representative samples be collected of the construction debris and submitted for TCLP analysis. The results of the TCLP will determine disposal locations as well as the disposal methods.

CLOSING COMMENTS

D&D appreciates the opportunity to assist you and your staff with your environmental sampling needs and looks forward to working with you on future projects. If you have any questions regarding this report of findings, please do not hesitate to call us at (303) 730-7877.

Sincerely,

D&D ENVIRONMENTAL CONSULTING, INC.

Nicholas D. Schafer
Project Manager

Douglas A. Aldinger, O.H.S.T.
General Manager

Attachments

ATTACHMENT A

ANALYTICAL RESULTS REPORT

AND

SAMPLE DATA SHEETS/CHAIN OF CUSTODY FORMS

CERTIFICATE OF ANALYSIS

Client: DCM Science Laboratory, Inc.
12421 W. 49th Avenue, Unit #6
Wheat Ridge CO 80033

Report Date: 11/3/2003
Report Number: 11031811
Project: 031024
Project No.: 032984

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Concentration Lead By Weight (%)
1834708	VA24-60-01	10/24/03	0.0081 ***
Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer			
1834709	VA24-60-02	10/24/03	<0.0094
Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer			
1834710	VA1-8C122-03	10/24/03	<0.0071 ***
Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer			
1834711	VA1-8C122-04	10/24/03	0.0310 *
Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer			
1834712	VA1-8C156-05	10/24/03	0.0190 ***
Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer			
1834713	VA1-8C156-06	10/24/03	0.0088
Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer			

NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)

AIHA-ELPAT-NIOSH No. 100188 / NYSDOH-ELAP No. 11021

Analysis Methods: ASTM D3335-85A "Standard Method To Test For Low Concentrations Of Lead In Paint By Atomic Absorption Spectrophotometry"
EPA SW846-(7420/7421) "Standard Method To Test For Low Concentrations Of Lead In Soils, Sludges and Sediments By AAS"

Comments: Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation. IATL assumes that all of the sampling methods and data upon which these results are based, have been accurately supplied by the client. Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies. LSD=0.2 ppm MDL=0.0024% by weight. RL=0.010% by weight (based upon 100 mg sampled).
* Insufficient sample provided to perform QC reanalysis (<200 mg) ** Not enough sample provided to analyze (<50 mg) *** Matrix / substrate interference possible.

Approved By: _____

Frank E. Ehrenfeld, III
Laboratory Director

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<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Concentration Lead By Weight (%)</u>
1834714	VA1-8C157-07	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0081 ***
1834715	VA1-8C122-08	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0097
1834716	VA1-8C122-09	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	0.0230
1834717	VA1-6A107-10	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0070 ***
1834718	VA1-6A107-11	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	0.0150
1834719	VA1-6A104-12	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0098

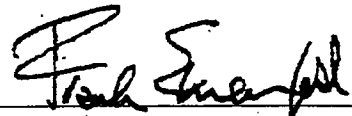
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<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Concentration Lead By Weight (%)</u>
1834720	VA1-6A128-13	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0063 ***
1834721	VA1-6A122-14	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0068 ***
1834722	VA1-9C127-15	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0067 ***
1834723	VA1-9C127-16	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	0.0200
1834724	VA1-9C126-17	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0096
1834725	VA1-9C125-18	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	0.0240

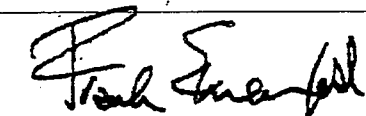
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12421 W. 49th Avenue, Unit #6
Wheat Ridge CO 80033

Report Date: 11/3/2003
Report Number: 11031811
Project: 031024
Project No.: 032984

LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Concentration Lead By Weight (%)</u>
1834726	VA1-9C128-19	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0090
1834727	VA1-9C128-20	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0097
1834728	VA1-9C129-21	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0059 ***
1834729	VA1-9C129-22	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0057
1834730	VA1-9C130-23	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	0.0052 ***
1834731	VA1-9C130-24	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0078

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12421 W. 49th Avenue, Unit #6
Wheat Ridge CO 80033

Report Date: 11/3/2003
Report Number: 11031811
Project: 031024
Project No.: 032984

LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Concentration Lead By Weight (%)
1834732	VA1-9C134-25	10/24/03	<0.0110 *
Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer			
1834733	VA1-9C134-26	10/24/03	<0.0060
Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer			
1834734	VA1-9C137A-27	10/24/03	0.0390 ***
Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer			
1834735	VA1-9C137A-28	10/24/03	<0.0110 *
Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer			
1834736	VA1-9C139B-29	10/24/03	0.0560 ***
Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer			
1834737	VA1-9C139B-30	10/24/03	<0.0084
Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer			

NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)

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Report Date: 11/3/2003
Report Number: 11031811
Project: 031024
Project No.: 032984

LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Concentration Lead By Weight (%)</u>
1834738	VA1-9C139C-31	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	0.0370 ***
1834739	VA1-9C139C-32	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	0.0200 *
1834740	VA1-9C135-33	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	0.0083 ***
1834741	VA1-9C135-34	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	0.0250 *
1834742	VA1-9C124-35	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	<0.0095 ***
1834743	VA1-9C124-36	10/24/03 <small>Date Received: 10/28/2003 Date Analyzed: 11/3/2003 Analyst: C. Shaffer</small>	0.1200 *

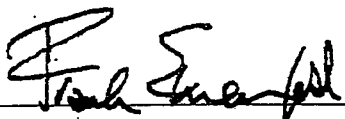
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Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: DCM Science Laboratory, Inc.
12421 W. 49th Avenue, Unit #6
Wheat Ridge CO 80033

Report Date: 11/4/2003
Report Number: 11030628
Project: 031024
Project No.: 032999

LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Concentration Lead By Weight (%)</u>
1836118	37	Lead Paint	0.026***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836119	38	Lead Paint	0.017***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836120	39	Lead Paint	0.018***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836121	40	Lead Paint	0.0140
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836122	41	Lead Paint	0.017***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836123	42	Lead Paint	0.016***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			

NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)

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Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: DCM Science Laboratory, Inc.
12421 W. 49th Avenue, Unit #6
Wheat Ridge CO 80033

Report Date: 11/4/2003
Report Number: 11030628
Project: 031024
Project No.: 032999

LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Concentration Lead By Weight (%)</u>
1836124	43	Lead Paint	0.061***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836125	44	Lead Paint	0.5400
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836126	45	Lead Paint	0.020*
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836127	46	Lead Paint	0.0370
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836128	47	Lead Paint	0.021*,***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836129	48	Lead Paint	0.012***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			

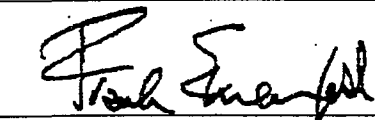
NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)

AIHA-ELPAT-NIOSH No. 100188 / NYSDOH-ELAP No. 11021

Analysis Methods: ASTM D3335-85A "Standard Method To Test For Low Concentrations Of Lead In Paint By Atomic Absorption Spectrophotometry"
EPA SW846-(7420/7421) "Standard Method To Test For Low Concentrations Of Lead In Soils, Sludges and Sediments By AAS"

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LEAD PAINT SAMPLE ANALYSIS SUMMARY

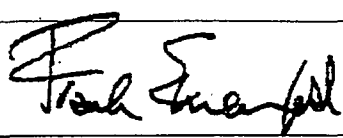
<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Concentration Lead By Weight (%)</u>
1836130	49	Lead Paint	0.012***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836131	50	Lead Paint	0.0220
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836132	51	Lead Paint	0.044***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836133	52	Lead Paint	0.033***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836134	53	Lead Paint	0.042***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836135	54	Lead Paint	0.0610
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			

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LEAD PAINT SAMPLE ANALYSIS SUMMARY

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1836136	55	Lead Paint	0.0082
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836137	56	Lead Paint	0.042***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836138	57	Lead Paint	0.039***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836139	58	Lead Paint	0.046***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836140	59	Lead Paint	0.0072
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836141	60	Lead Paint	0.046***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			

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LEAD PAINT SAMPLE ANALYSIS SUMMARY

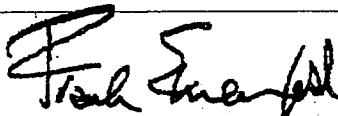
<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Concentration Lead By Weight (%)</u>
1836142	61	Lead Paint	0.2000
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836143	62	Lead Paint	0.048***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836144	63	Lead Paint	0.0930
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836145	64	Lead Paint	0.0690
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836146	65	Lead Paint	0.041***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836147	66	Lead Paint	0.030***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			

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1836148	67	Lead Paint	0.10***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836149	68	Lead Paint	0.10***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836150	69	Lead Paint	0.3600
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836151	70	Lead Paint	0.029***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836152	71	Lead Paint	<0.0090
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836153	72	Lead Paint	<0.0074***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			

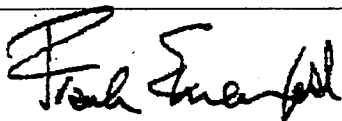
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LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Concentration Lead By Weight (%)</u>
1836154	73	Lead Paint	<0.0087***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836155	74	Lead Paint	0.044***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836156	75	Lead Paint	<0.0082***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836157	76	Lead Paint	0.2800
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836158	77	Lead Paint	<0.0056
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836159	78	Lead Paint	<0.0083***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			

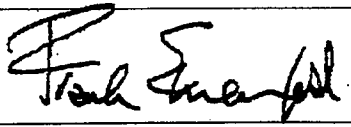
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LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Concentration Lead By Weight (%)</u>
1836160	79	Lead Paint	<0.0081
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836161	80	Lead Paint	<0.0075
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836162	81	Lead Paint	<0.011*
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836163	82	Lead Paint	0.11***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			
1836164	83	Lead Paint	<0.0073***
Date Received: 10/29/2003 Date Analyzed: 11/4/2003 Analyst: C. Shaffer			

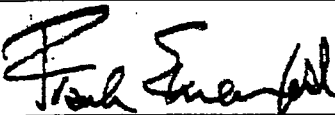
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12421 W. 49th Avenue, Unit #6
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Report Date: 11/7/2003
Report Number: 11031650
Project: 031024
Project No.: 033017

LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Concentration Lead By Weight (%)</u>
1838231	84	Lead Paint	<0.0085***
Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer			
1838232	85	Lead Paint	<0.0073
Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer			
1838233	86	Lead Paint	<0.0073***
Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer			
1838234	87	Lead Paint	<0.0088
Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer			
1838235	88	Lead Paint	<0.0085***
Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer			
1838236	89	Lead Paint	0.029***
Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer			

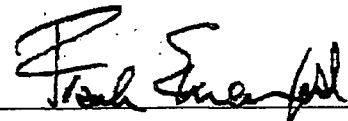
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LEAD PAINT SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Concentration Lead By Weight (%)
1838237	90	Lead Paint	0.0380
Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer			
1838238	91	Lead Paint	<0.0071***
Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer			
1838239	92	Lead Paint	0.0180
Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer			
1838240	93	Lead Paint	<0.0066***
Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer			
1838241	94	Lead Paint	0.0059***
Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer			
1838242	95	Lead Paint	<0.0081***
Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer			

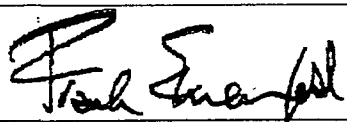
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1838243	96	Lead Paint Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer	<0.011*
1838244	97	Lead Paint Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer	VOID**
1838245	98	Lead Paint Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer	<0.0090
1838246	99	Lead Paint Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer	<0.0091
1838247	100	Lead Paint Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer	0.0140
1838248	101	Lead Paint Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer	<0.010*

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LEAD PAINT SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Concentration Lead By Weight (%)</u>
1838249	102	Lead Paint	<0.0078

Date Received: 10/31/2003 Date Analyzed: 11/7/2003 Analyst: C. Shaffer

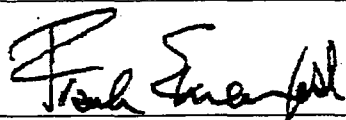
NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)

AIHA-ELPAT-NIOSH No. 100188 / NYSDOH-ELAP No. 11021

Analysis Methods: ASTM D3335-85A "Standard Method To Test For Low Concentrations Of Lead In Paint By Atomic Absorption Spectrophotometry"
EPA SW846-(7420/7421) "Standard Method To Test For Low Concentrations Of Lead In Soils, Sludges and Sediments By AAS"

Comments: Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation. IATL assumes that all of the sampling methods and data upon which these results are based, have been accurately supplied by the client. Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B. Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies. LSD=0.2 ppm MDL=0.0024% by weight. RL= 0.010% by weight (based upon 100 mg sampled).
* Insufficient sample provided to perform QC reanalysis (<200 mg) ** Not enough sample provided to analyze (<50 mg) *** Matrix / substrate interference possible.

Approved By: _____



Frank E. Ehrenfeld, III
Laboratory Director



7000 S. Broadway, Suite 2D, Littleton, CO 80122

SAMPLE DATA SHEET

LBP

SAMPLE DATE: 10/24/03

PROJECT NUMBER: 031024

Page 1 of 3

SAMPLED BY: DDA

PROJECT NAME: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION	SAMPLE LOCATION
VA24-60-01	BEIGE WALLS	RM 60 (EYE CLINIC) WALLS - BEIGE PAINT
60-02	DARK BEIGE POOR	RM 60 DOOR
VA1-8C122-03	BEIGE PAINT	WALL
VA1-8C122-04	" "	DOOR -
VA1-8C156-05	" "	WALL - BLUE UNDER
VA1-8C156-06	" "	DOOR - WHITE UNDER BEIGE
VA1-8C157-07	" "	WALL (EAST) - WHITE PAINT UNDER
VA1-8C122-08	" "	WALLS + CEILING ARE BEIGE
VA1-8C122-09	" "	DOOR (WOOD) BEIGE
VA1-6A107-10	LIGHT GREEN	WALL - BY DAMAGE
" 11	" "	DOOR FRAMES - RED UNDER
6A-104 12	" "	WALL -

COMMENTS: 5 DAY TAT - ANALYZE FOR LEAD CONTENT OF PAINT SAMPLES

Relinquished By: (Name/Organization/Date/Time)

1. D. Gledhill DDA 10/25/03

2. _____

Received By: (Name/Organization/Date/Time)

Wendy McBride DCM SL 10-27-03 8:30



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SAMPLE DATA SHEET

LBP

SAMPLE DATE: 10/24/03

PROJECT NUMBER: 031024

Page 2 of 3

SAMPLED BY: DA

PROJECT NAME: VA

SAMPLE NUMBER	SAMPLE DESCRIPTION	SAMPLE LOCATION
VAI-6A128 13	LIGHT BLUE	WALL PAINT
VAI-6A122 14	TAN PAINT	WALLS - DOOR JAMS - TAN & RED UNDER
VAI-9C-127 15	LIGHT GREEN	WALLS - TAN UNDER, ORANGE UNDER
" 16	" "	DOOR - WOOD DOOR
VAI-9C-126 17	" "	WALL (SAME AS 9C-127)
VAI-9C-125 18	" "	WALL
9C128 19	LIGHT TAN	WALL - WHITE + BLUE ABOVE C.T.
9C128 20	" "	DOOR (WOOD) WHITE UNDER
9C129 21	OFF WHITE	WALL (TAN, GREEN, BLUE) ABOVE C.T.
9C129 22	" "	DOOR TAN UNDER
9C130-23	" "	WALL - TAN
9C130 24	" "	DOOR

COMMENTS: 5 day TAT

Relinquished By: (Name/Organization/Date/Time)

Received By: (Name/Organization/Date/Time)

1. J. G. Aldinger DTD 10/25/03

Wendy McBride DCMSC 10/27/03 8:30

2.



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SAMPLE DATA SHEET

LBP

SAMPLE DATE: 10/24/03

PROJECT NUMBER: 031024

Page 3 of 3

SAMPLED BY: DA

PROJECT NAME: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION	SAMPLE LOCATION
VAR-9C-134-25	OFF WHITE	WALL - WHITE UNDER
" 26	OFF WHITE	DOOR " "
9C-137A-27	WHITE	WALL
" 28	"	DOOR
9C-139B-29	OFF WHITE	WALL
" 30	"	DOOR FRAME METAL
9C-139C-31	OFF WHITE	WALL - LIGHT GREEN UNDER
32	OFF WHITE	METAL DOOR FRAME TAN UNDERLAY
9C-135-33	LIGHT GREEN	PLASTER WALL
34	"	DOOR VARNISH UNDER
9C-124-35	TAN	WEST WALL ORC YELLOW UNDER
36	TAN	DOOR GREEN UNDERLAYMENT AND RED

COMMENTS: _____

Relinquished By: (Name/Organization/Date/Time)

Received By: (Name/Organization/Date/Time)

1. S. Aldenju DTD 10/25/03

Wendy McBride DCMSL 10-27-03 8:30

2. _____



7000 S. Broadway, Suite 2D, Littleton, CO 80122

SAMPLE DATA SHEET

SAMPLE DATE: 10-28-03

PROJECT NUMBER: 031024

Page 1 of 4

SAMPLED BY: NDS/DAA

PROJECT NAME: VA LBP

SAMPLE NUMBER	SAMPLE DESCRIPTION	SAMPLE LOCATION
9C-133-37	LIGHT BLUE	RIGHTSIDE DOOR-WALL TAN OVER LIGHT GREEN
38	" "	DOOR
4C-105 39	TAN	WALL
4C-105B 40	TAN	DOOR FRAME
4C 105B 41	TAN	WALL
4C 106 42	YELLOW	WALL YELLOW OVER OFF WHITE
4C 105A 43	TAN	TAN WALL
4C 105A 44	DARK TAN	DOOR DARK TAN OVER DARK GREEN LIGHT BLUE
4C 106A 45	GREEN	DOOR & FRAME
4C 113 46	WHITE	WHITE OVER LIGHT GREEN
4C 113 47	WHITE	WHITE OVER DARK GREEN DOOR WITH VARNISH
4C 114 48	OFF WHITE	WALL

COMMENTS: 5 DAY TAT, ANALYZE FOR LEAD CONTENT OF PAINT SAMPLES

Relinquished By: (Name/Organization/Date/Time)

Received By: (Name/Organization/Date/Time)

1. Nick R. Schlegel D&D 10-28-03

Wendy McBride DCDL 10-28-03 4:50

2.



7000 S. Broadway, Suite 2D, Littleton, CO 80122

SAMPLE DATA SHEET

SAMPLE DATE: 10-28-03

PROJECT NUMBER: 031024

Page 2 of 4

SAMPLED BY: NDS

PROJECT NAME: VA LBP

SAMPLE NUMBER	SAMPLE DESCRIPTION	SAMPLE LOCATION
VA-4C115-49	LIGHT GREEN	WALL
4C-116-50	MULTIPLE COLORS	DOOR HINGE DARK GREEN, LIGHT BLUE, BLACK, TAN, GRAY
4C-117-51	TAN "	WALL
4C-118-52	TAN	WALL
4C-119-53	TAN	WALL TAN OVER LIGHT GREEN
4C 119 54	TAN	DOOR " "
4C 119 55	TAN	BATHROOM DOOR TAN OVER GREEN
4C 120 56	TAN	WALL TAN OVER GREEN
4C 121 57	TAN	WALL TAN OVER GREEN
4C 123 58	TAN	WALL TAN OVER LIGHT GREEN LIGHT BLUE
4C 123 59	TAN	POOR BATH
4C 124 60	TAN	TAN OVER LIGHT GREEN WALL

COMMENTS: 5 PAY TAT, ANALYZE FOR LEAD CONTENT IN PAINT SAMPLE

Relinquished By: (Name/Organization/Date/Time)

1. Nicholas A. Schmitt D&D 10-28-03

Received By: (Name/Organization/Date/Time)

Wendy McBride DCMEL 10-28-03 4:50

2.



7000 S. Broadway, Suite 2D, Littleton, CO 80122

SAMPLE DATA SHEET

SAMPLE DATE: 10-28-03

PROJECT NUMBER: 031024

Page 3 of 4

SAMPLED BY: NDS

PROJECT NAME: VA LBP

SAMPLE NUMBER	SAMPLE DESCRIPTION	SAMPLE LOCATION
4C 124 61	TAN	METAL DOOR FRAME TAN OVER LIGHT GREEN & GRAY
4C 125 62	TAN	TAN OVER GREEN WALL
4C 126 63	TAN	WALL TAN OVER GREEN
4C 126 64	TAN	METAL DOOR FRAME TAN OVER LIGHT GREEN & PEACH GREEN
4C 127 65	TAN	WALL TAN OVER LIGHT GREEN DARK GREEN
4C 128 66	WHITE	WHITE OVER TAN WALL
4C 129 67	PINK	PINK OVER LIGHT & DARK GREEN
4C 130 68	BLUE	WALL BLUE OVER LIGHT GREEN & PEACH GREEN
4C 130 69	BLUE	DOOR FRAME (METAL) BLUE OVER LIGHT GREEN
4C 131 70	YELLOW	WALL YELLOW OVER BLUE
4C 131 71	YELLOW	METAL DOOR FRAME YELLOW OVER RED
4C 132 72	YELLOW	WALL

COMMENTS: 5 DAY TAT, ANALYZE FOR LEAD CONTENT IN PAINT SAMPLE

Relinquished By: (Name/Organization/Date/Time)

1. Nicholas D. Shupe D+P 10-28-03

Received By: (Name/Organization/Date/Time)

Wendy McBride DCMEL 10-28-03 4:50

2.



SAMPLE DATA SHEET

7000 S. Broadway, Suite 2D, Littleton, CO 80122

SAMPLE DATE: 10-28-03

PROJECT NUMBER: 031024

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SAMPLED BY: NDS

PROJECT NAME: VA LBP

SAMPLE NUMBER	SAMPLE DESCRIPTION	SAMPLE LOCATION
# C4C2 73	TAN	CORRIDOR TAN OVER LIGHT GREEN WALL
4C 102 74	YELLOW	WALL YELLOW OVER LIGHT GREEN
4C 108 75	YELLOW	WALL
4C 108 76	YELLOW	METAL DOOR FRAME YELLOW OVER LIGHT GREEN & RED
4C 112C 77	YELLOW	MAIN AREA OUTSIDE ROOM 4C112C
4C 111A 78	YELLOW	WALL YELLOW OVER TAN OVER DARK YELLOW
4C 111A 79	YELLOW	METAL DOOR FRAME
4C 111E 80	YELLOW	WALL
4C 111E 81	YELLOW	METAL DOOR FRAME
4C 112 82	YELLOW	MAIN AREA EAST WALL
4C 112 83	PINK	CENTER FILLER, PINK OVER WHITE

COMMENTS: 5 DAY TAT, ANALYZE FOR LEAD CONTENT IN PAINT SAMPLE

Relinquished By: (Name/Organization/Date/Time)

1. Robert D. Schoy DAD 10-28-03

Received By: (Name/Organization/Date/Time)

Wendy McBride DCMSC 10-28-03 4:50

2.



SAMPLE DATA SHEET

7000 S. Broadway, Suite 2D, Littleton, CO 80122

SAMPLE DATE: 10-30-03

PROJECT NUMBER: 631024

Page 1 of 2

SAMPLED BY: NDS

PROJECT NAME: VA LBP

SAMPLE NUMBER	SAMPLE DESCRIPTION	SAMPLE LOCATION
4B-140-84	TAN	WALL LIGHT TAN OVER OFF WHITE (DRYWALL)
4B-140-85	TAN	METAL DOOR FRAME TAN OVER RED
4B-145-86	TAN	WALL LIGHT TAN OVER OFF WHITE (DRYWALL)
4B-145-87	TAN	METAL DOOR FRAME TAN OVER RED
4C-150-88	BLUE	WALL BLUE OVER OFF WHITE (DRYWALL)
4C-150-89	WHITE	WALL OFF WHITE OVER TAN (PLASTER)
4C-150-90	WHITE	METAL DOOR FRAME OFF WHITE OVER GREEN
4B-125-91	TAN	WALL TAN OVER PINK (DRYWALL)
4B-125-92	TAN	TAN OVER PINK & GREEN (PLASTER)
4B-133-93	TAN	TAN WALL
4B-137-94	TAN	TAN WALL
4B-138-95	ORANGE	ORANGE PILLER NURSE'S STATION

COMMENTS: STANDARD TAT

Relinquished By: (Name/Organization/Date/Time)

1. Alison A. Scholt DTD 10-30-03

Received By: (Name/Organization/Date/Time)

Wendy M. Brude DCMSL 10:55 10-30-03

2.



SAMPLE DATA SHEET

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SAMPLE DATE: 10-30-03

PROJECT NUMBER: 631024

Page 2 of 2

SAMPLED BY: NDS

PROJECT NAME: VA LBP

SAMPLE NUMBER	SAMPLE DESCRIPTION	SAMPLE LOCATION
4B 138A 96	TAN	METAL DOOR FRAME
4B 138A 97	TAN	WALL (DR. WALL)
4B 134 98	DARK TAN	DOOR DARK TAN OVER BLUE METAL DOOR
4B 123 99	DARK TAN	WOOD DOOR DARK TAN OVER BLUE YELLOW
4B 142 100	DARK TAN	METAL DOOR, DARK TAN OVER BLUE
4B 145 101	DARK TAN	METAL DOOR
SICU 102	TAN	METAL DOOR FRAME TAN OVER PINK RED + BLUE

COMMENTS: STANDARD TAT

Relinquished By: (Name/Organization/Date/Time)

Received By: (Name/Organization/Date/Time)

1. Nick D. Schrey D+D 10-30-03

Wendy MFBride DCMGL 10:55 10-30-03

2.